



Commonwealth of Kentucky  
**Environmental and Public Protection Cabinet**

Office of Mine Safety and Licensing  
P.O. Box 2244  
Frankfort, Kentucky 40602  
Telephone: (502) 573 - 0140

## **EMERGENCY AWARENESS BULLETIN**

**To:** All District Supervisors, Inspectors, Analysts and Instructors  
**From:** Franklin Reed, Director, Safety Analysis, Training and Certification  
**Date:** January 11, 2006

**EAB-06002 2006 Kentucky Fatal Accident # 1 Roof Fall**

At approximately 2:55 p.m. on January 10, 2006 a roof bolter operator was fatally injured in an underground mining accident in the Pikeville District. He was 44 years old with 15 years mining experience. He had worked at this mine 1 week.

The accident occurred on a continuous miner section with a coal height of approximately 54 inches, the main roof at this mine is sand stone and the immediate roof is composed of approximately 4 foot of shell. The victim was operating a Galis 320 Single Head Roof Drill. He was installing 72 inch resin grouted roof bolts and supplementing 10 foot cable bolts in every other row.

At the time of the accident the victim was working in the Number 1 face, and had installed the first and second roof bolt in the first row. He was in the process of drilling the third hole when a portion of the mine roof collapsed striking the victim therefore causing crushing fatal injuries. The portion of mine roof that fell measured approximately 14 feet wide, 20 feet long and 3½ feet thick. The victim was pronounced dead at the mine site by the Pike County Coroner at 6:00 p.m.

This accident is currently under investigation by the Office of Mine Safety and Licensing and the Mine Safety and Health Administration.

### **Preventative Measures**

1. When installing resin grouted roof bolts, make sure there is adequate glue return. Inadequate glue return can be indicative of a heavily fractured roof or old glue that no longer performs its required function.
2. Use extra precaution when working in a mine section that has been idled for some time. When a mine is idled the roof has time to work and potentially separate along bedding plains increasing the chance of roof falls. This is particularly important when the roof is composed of shale and sandstone as the roof will tend to easily separate where the shale and sandstone meet.
3. When installing roof bolts, they shall be torqued as required in the approved roof control plan.

**Remember, accidents are preventable. We simply fail to prevent them.**



**MINING COMPANY LLC.**

**MINE # 1**

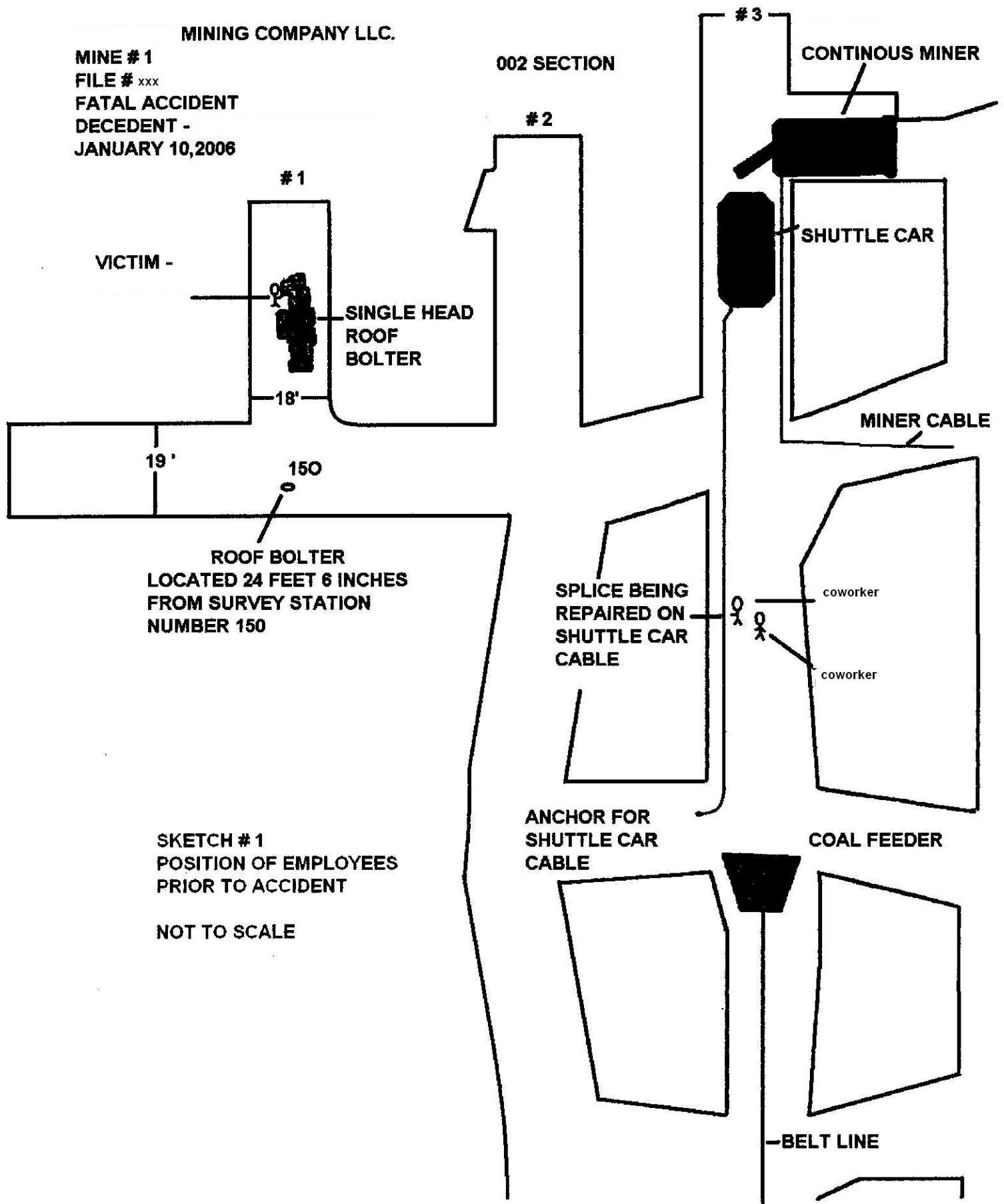
**FILE # xxx**

**FATAL ACCIDENT**

**DECEDENT -**

**JANUARY 10, 2006**

**002 SECTION**



MINING COMPANY LLC.

MINE #1

FILE # XXXX

FATAL ACCIDENT

DECEDENT-

JANUARY 10, 2006

002 SECTION

#2

#3

CONTINUOUS

MINER

SHUTTLE CAR

MINER CABLE

COAL FEEDER

BELT LINE

ANCHOR FOR  
SHUTTLE CAR  
CABLE

ROOF FALL  
MEASURING  
20'L-14'W-3'H

#1

VICTIM -

Coworkers

18'

19'

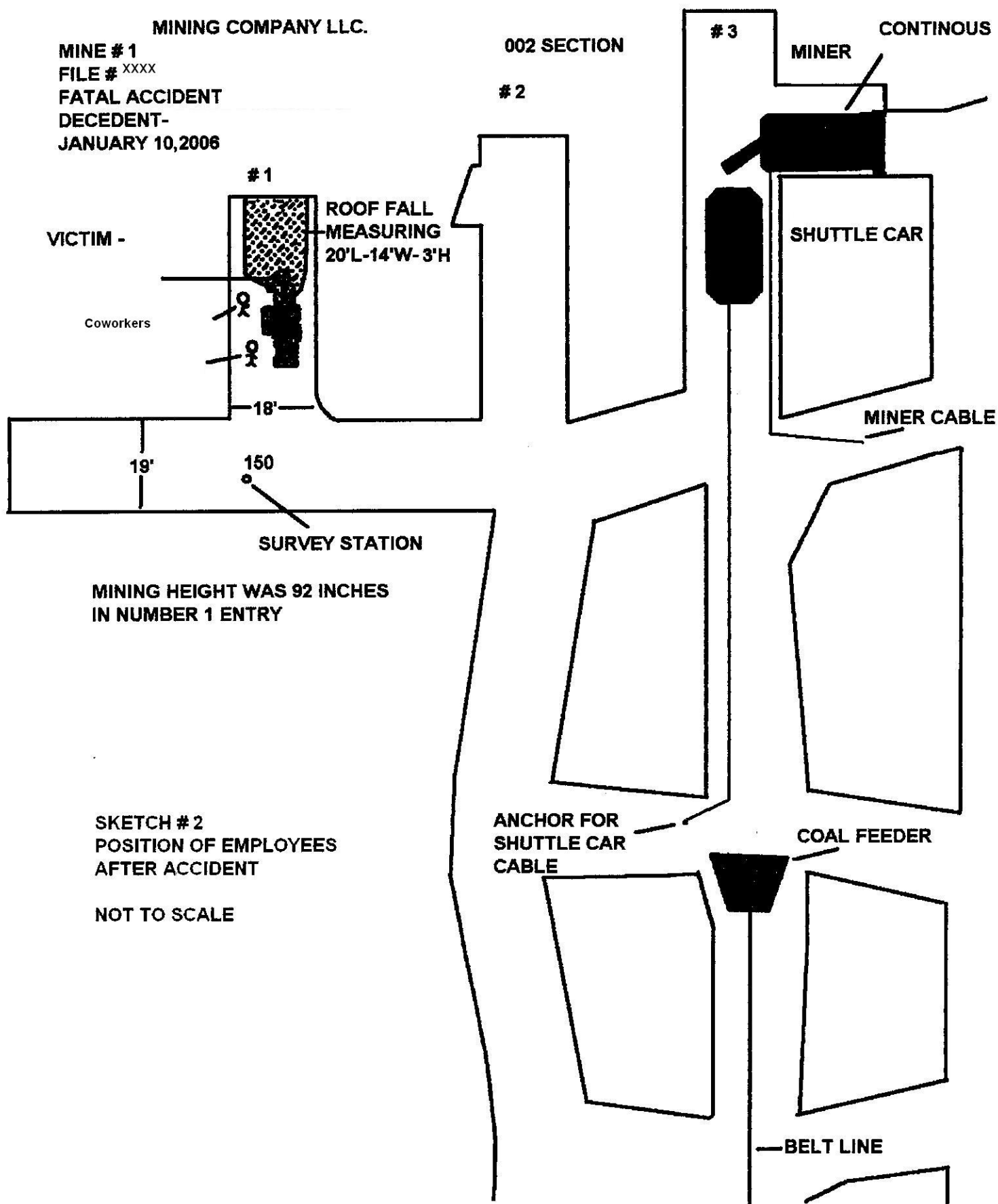
150

SURVEY STATION

MINING HEIGHT WAS 92 INCHES  
IN NUMBER 1 ENTRY

SKETCH #2  
POSITION OF EMPLOYEES  
AFTER ACCIDENT

NOT TO SCALE



MINING COMPANY LLC.

MINE #1  
FILE # XXXX  
FATAL ACCIDENT  
DECEDENT -  
JANUARY 10, 2008

